

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Jens LERCHL et al

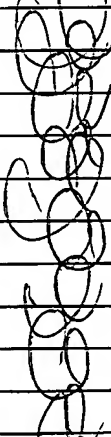
Filing Date July 22, 2004

Group Art Unit To be Assigned

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	12/12/1995	5,475,099	Knauf et al.			
	2.	03/25/1997	5,614,393	Thomas et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation	
							YES	NO
	3.	07/07/1993	0 550 162 A1	Europe				
	4.	09/10/1997	0 794 250 A1	Europe				
	5.	09/19/1991	WO 91/13972	WIPO				
	6.	04/15/1993	WO 93/06712	WIPO				
	7.	06/10/1993	WO 93/11245	WIPO				
	8.	05/26/1994	WO 94/11516	WIPO				
	9.	08/18/1994	WO 94/18337	WIPO				
	10.	06/08/1995	WO 95/15387	WIPO				
	11.	07/06/1995	WO 95/18222	WIPO			Abstract	
	12.	05/09/1996	WO 96/13582	WIPO				
	13.	07/11/1996	WO 96/21022	WIPO				

OTHER DOCUMENTS

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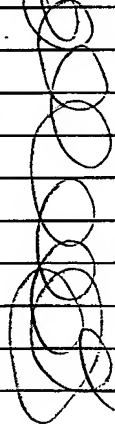
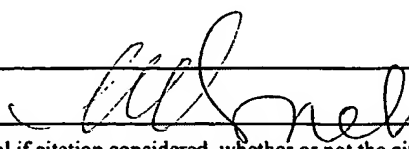
Examiner Initials	Ref. No.	Title

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number 53262-20077.00		Application Number 10/502,083	
				Applicant Jens LERCHL et al.			
				Filing Date July 22, 2004		Group Art Unit To be Assigned	
U.S. PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	14.	06/19/1997	WO 97/21340	WIPO			
	15.	08/28/1997	WO 97/30582	WIPO			
	16.	10/22/1998	WO 98/46763	WIPO			
	17.	10/22/1998	WO 98/46764	WIPO			
	18.	10/22/1998	WO 98/46765	WIPO			
	19.	10/22/1998	WO 98/46776	WIPO			
	20.	12/10/1998	WO 98/54954	WIPO			
	21.	06/03/1999	WO 99/27111	WIPO			
	22.	12/16/1999	WO 99/64616	WIPO			
OTHER DOCUMENTS <i>(including author, title, Date, Pertinent Pages, Etc.)</i>							
Examiner Initials	Ref. No.	Title					
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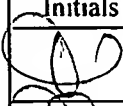
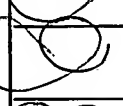
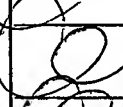
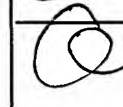
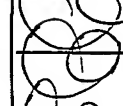
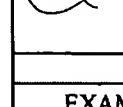
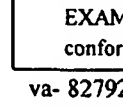

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Examiner Initials	Ref. No.	Title
	23.	Abbadi, Amine et al., "Transgenic Oilseeds as Sustainable Source of Nutritionally Relevant C20 and C22 Polyunsaturated Fatty Acids?," <i>Eur. J. Lipid Sci. Technol.</i> , 103 :106-113 (2001).
	24.	Certik, Milan et al., "Desaturase-Defective Fungal Mutants: Useful Tools for the Regulation and Overproduction of Polyunsaturated Fatty Acids," <i>Trends in Biotechnology</i> , 16 :500-505 (1998).
	25.	Cronan, John E., Jr. et al., "Biosynthesis of Membrane Lipids," <i>E.coli und Salmonella</i> , AMS Press, Washington, DC; pp 612-636 (1996).
	26.	Frentzen, Margrit, "Acyltransferases from Basic Science to Modified Seed Oils," <i>Lipid</i> , 100 (4-5):161-166 (1998).
	27.	Gernardt, Bernt, "Fatty Acid Degradation in Plants," <i>Progress in Lipid Research</i> , 31 (4):417-446 (1992).
	28.	Gühnemann-Schäfer, Kerstin et al., "Fatty Acid β -Oxidation in Glyoxysomes. Characterization of a New Tetrafunctional Protein (MFP III)," <i>Biochimica et Biophysica Acta</i> , 1256 :181-186 (1995).
	29.	Huang, Yung-Sheng et al., "Cloning of $\Delta 12$ - and $\Delta 6$ -Desaturases from <i>Mortierella alpina</i> and Recombinant Production of γ -Linolenic Acid in <i>Saccharomyces cerevisiae</i> ," <i>Lipids</i> , 34 (7):649-659 (1999).
	30.	Kinney, Anthony J., "Genetic Engineering of Oilseeds for Desired Traits," <i>Genetic Engineering</i> , 19 :149-166 (1997).
	31.	Kunau, Wolf-H et al., " β -Oxidation of Fatty Acids in Mitochondria, Peroxisomes, and Bacteria: A Century of Continued Progress," <i>Progress in Lipid Research</i> , 34 (4):267-342 (1995).
	32.	Magnuson, Kelly et al., "Regulation of Fatty Acid Biosynthesis in <i>Escherichia coli</i> ," <i>Microbiological Reviews</i> , 57 (3):522-542 (1993).

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	33.	Murphy, Denis J. et al., "Biosynthesis, Targeting and Processing of Oleosin-Like Proteins, which are Major Pollen Coat Components in <i>Brassica napus</i> ," <i>The Plant Journal</i> , 13 (1):1-16 (1998).	
34.	Napier, Johnathan A. et al., "Identification of a <i>Caenorhabditis elegans</i> Δ^6 -Fatty-Acid-Desaturase by Heterologous Expression in <i>Saccharomyces cerevisiae</i> ," <i>Biochemical Journal</i> , 330 :611-614 (1998).		
35.	Ohlrogge, John et al., "Lipid Biosynthesis," <i>The Plant Cell</i> , 7 :957-970 (1995).		
36.	Shanklin, John et al., "Desaturation and Related Modifications of Fatty Acids," <i>Annual Review of Plant Physiology and Plant Molecular Biology</i> , 49 :611-641 (1998).		
37.	Simopoulos, Artemis P., "Essential Fatty Acids in Health and Chronic Disease," <i>The American Journal of Clinical Nutrition</i> , 70 (supp):560S-569S (1999).		
38.	Stukey, Joseph E. et al., "The <i>OLE1</i> Gene of <i>Saccharomyces cerevisiae</i> Encodes the Δ^9 Fatty Acid Desaturase and Can be Functionally Replaced by the Rat Stearoyl-CoA Desaturase Gene," <i>The Journal of Biological Chemistry</i> , 265 (33):20144-20149 (1990).		
39.	Stymne, Sten, "Biosynthesis of 'Uncommon' Fatty Acids and Their Incorporation into Triacylglycerols," <i>Biochemistry and Molecular Biology of Membrane and Storage Lipids of Plants</i> , N. Murata and Somerville eds., American Society of Plant Physiologists, pp150-158 (1993).		
40.	Takahata, Kyoya et al., "The Benefits and Risks of n-3 Polyunsaturated Fatty Acids," <i>Bioscience, Biotechnology, and Biochemistry</i> , 62 (11):2079-2085 (1998).		
41.	Voelker, Toni, "Plant Acyl-ACP Thioesterases: Chain-Length Determining Enzymes in Plant Fatty Acid Biosynthesis," <i>Genetic Engineering</i> , 18 :111-113 (1996).		
42.	Wada, Hajime et al., "Enhancement of Chilling Tolerance of a Cyanobacterium by Genetic Manipulation of Fatty Acid Desaturation," <i>Nature</i> , 347 :200-203 (1990).		
43.	Wang, Xuemin M. et al., "Biosynthesis and Regulation of Linolenic Acid in Higher Plants," <i>Plant Physiology and Biochemistry</i> , 26 (6):777-792 (1988).		
44.	DATABASE Accession No. DC257414, May 24, 2003.		
45.	DATABASE Accession No. BE775687, May 29, 2003.		
46.	Kamoun, Sophien, et al., "Initial Assessment of Gene Diversity for the Oomycete Pathogen <i>Phytophthora infestans</i> Based on Expressed Sequences," <i>Fungal Genetics and Biology</i> , 28 :94-107 (1999).		
47.	Willich, S.N., et al., "Omega-3 Fatty Acids (Fish Oil) in their Clinical Application," <i>Deutsche Medizinische Wochenschrift</i> , 120 (7):227-233 (1995). Note: No English Abstract Available.		
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